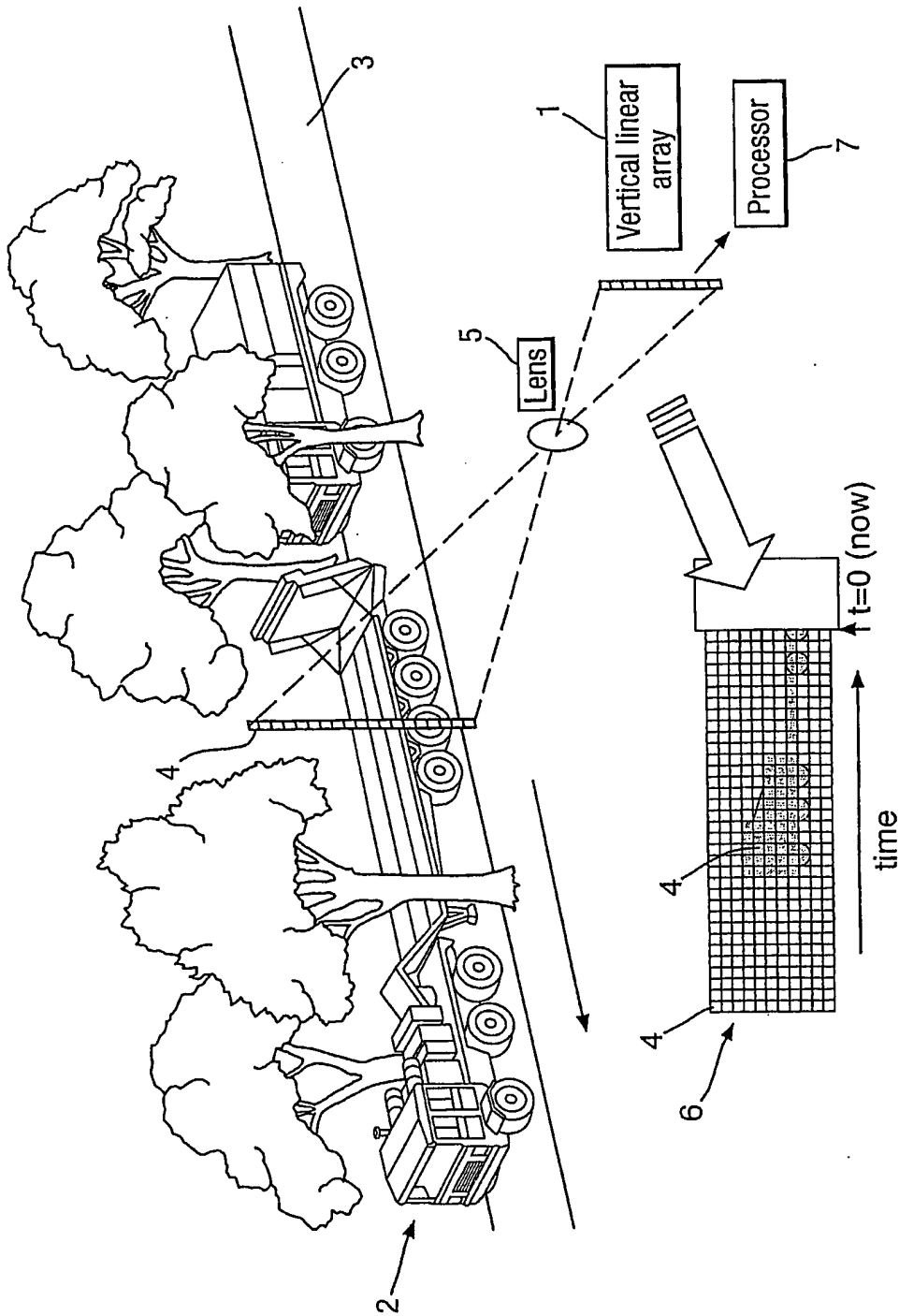
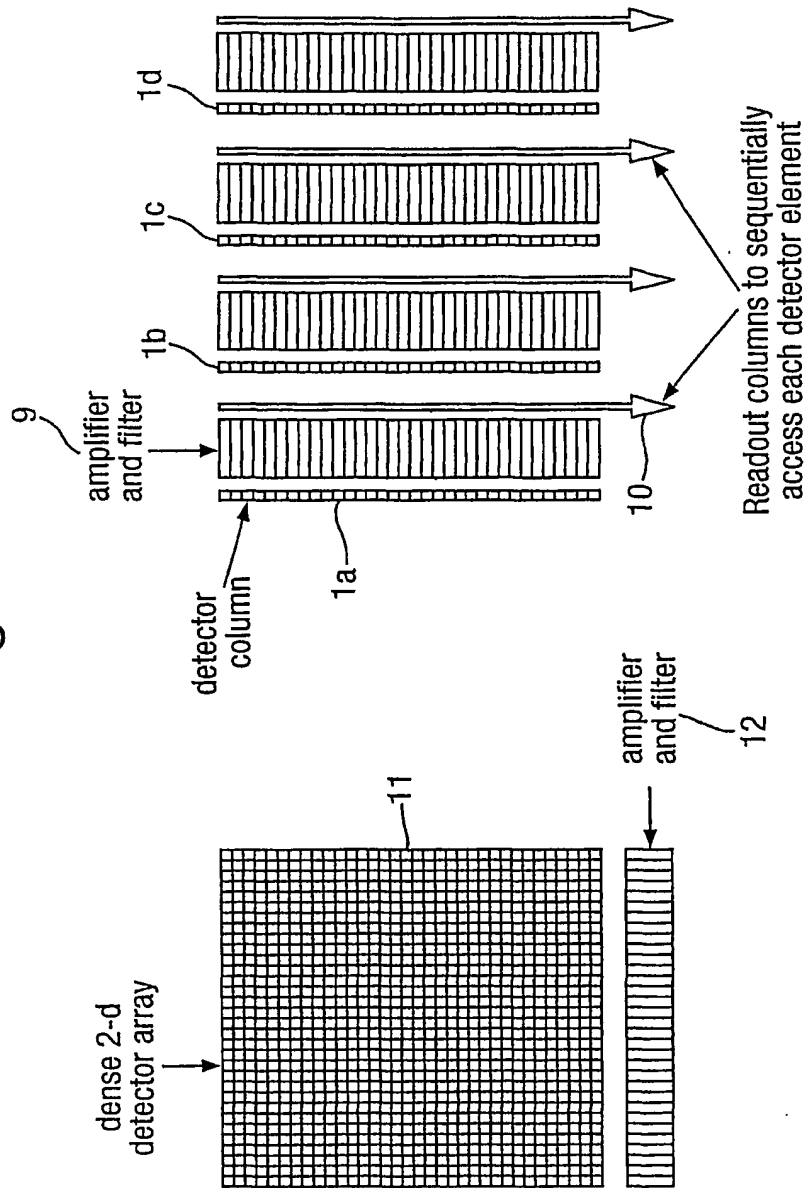


Fig.1.



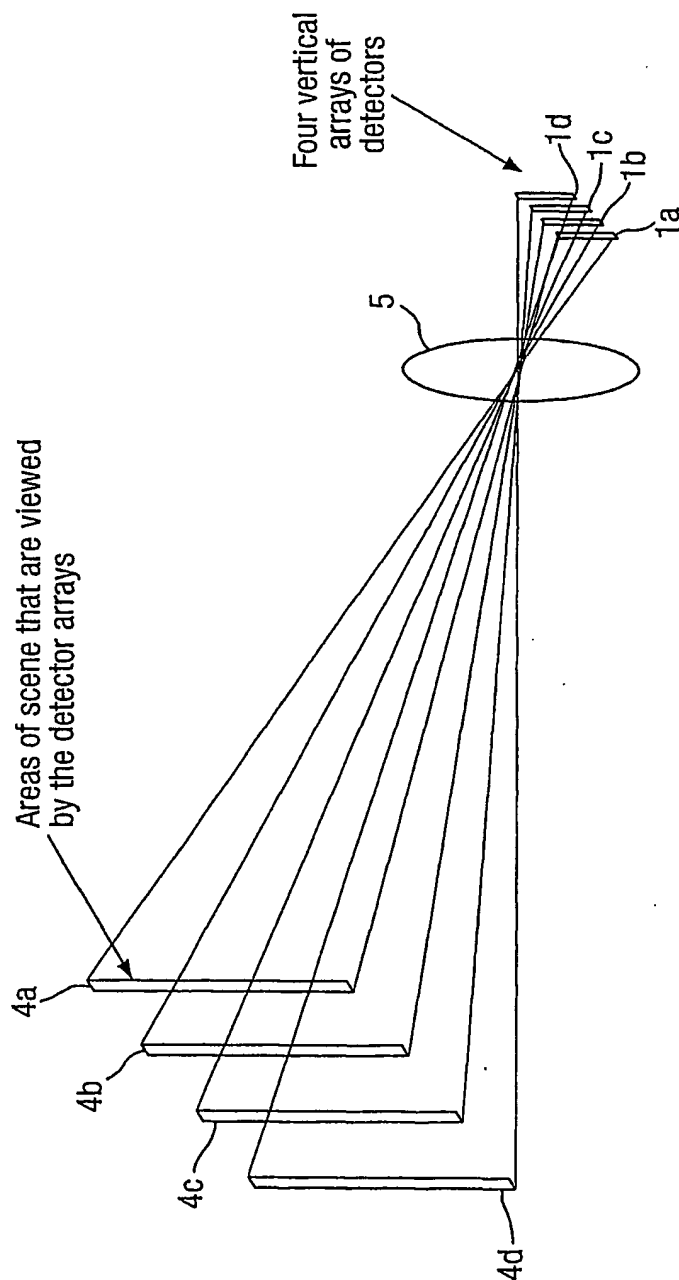
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Fig.2.



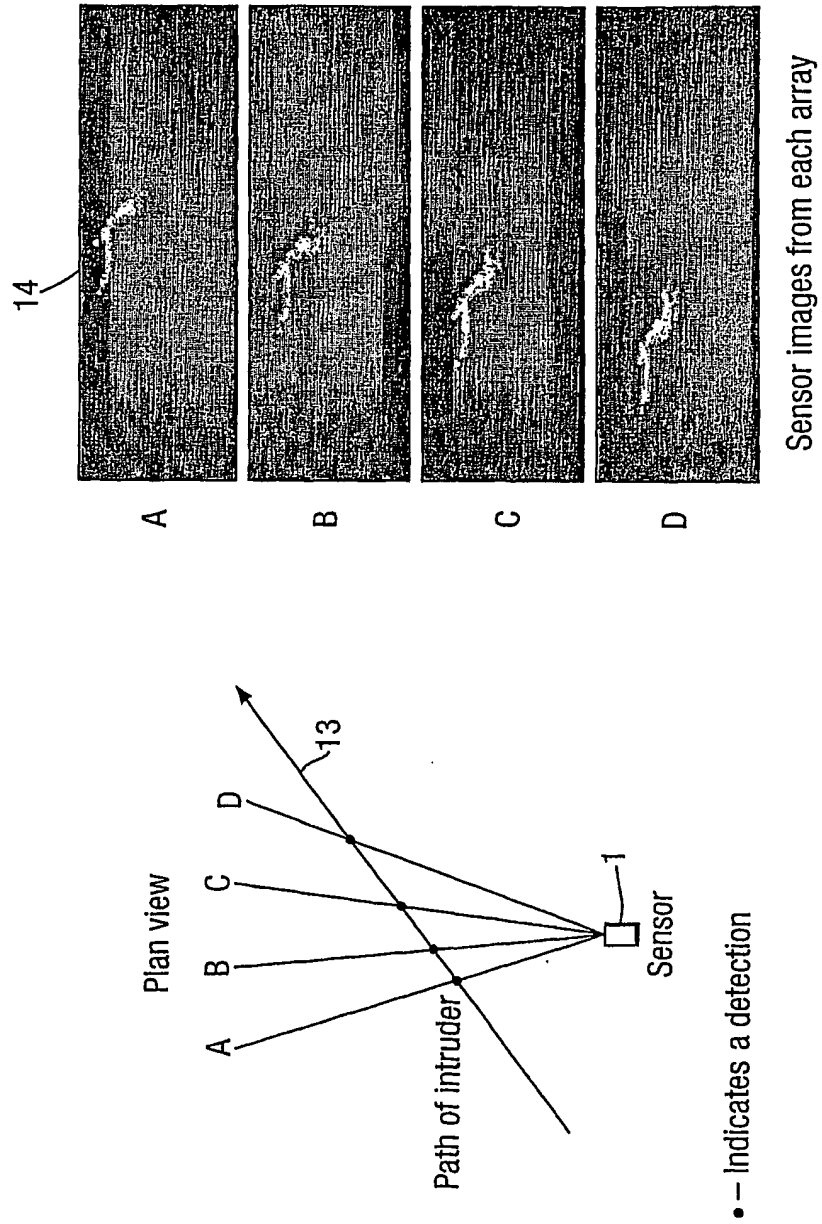
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Fig.3.



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Fig.4.



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Fig. 5.

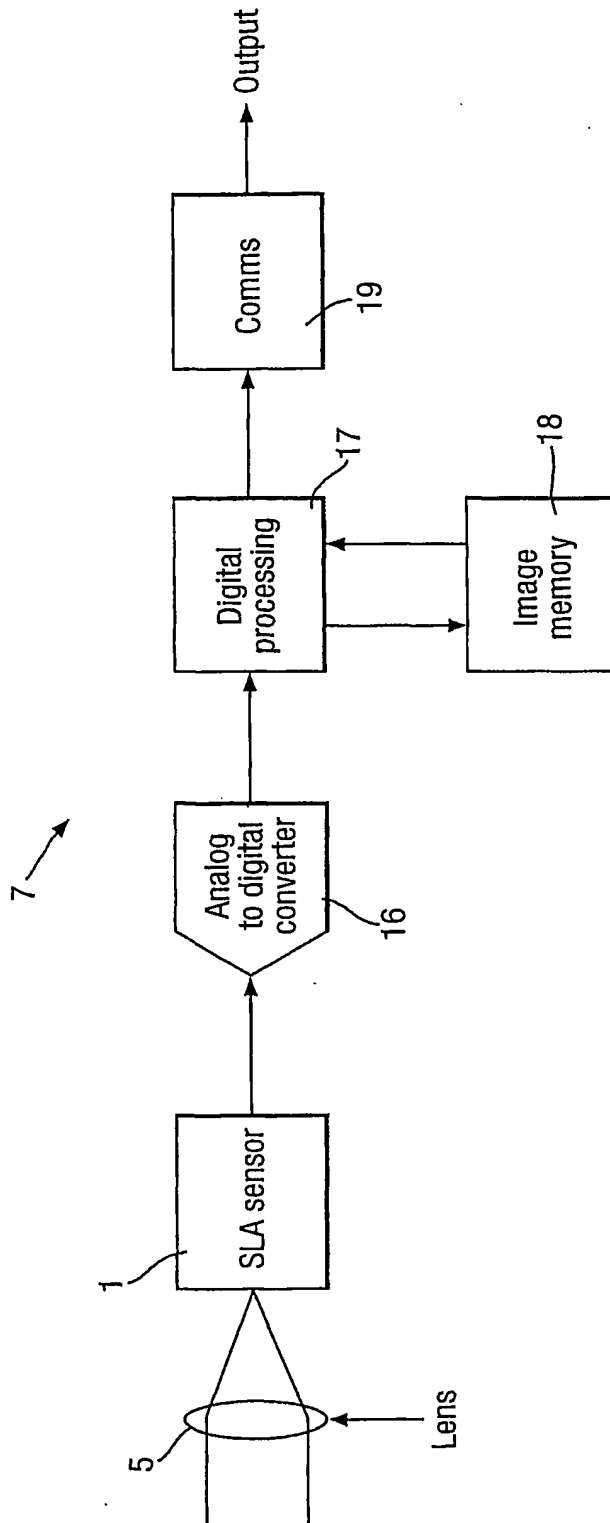
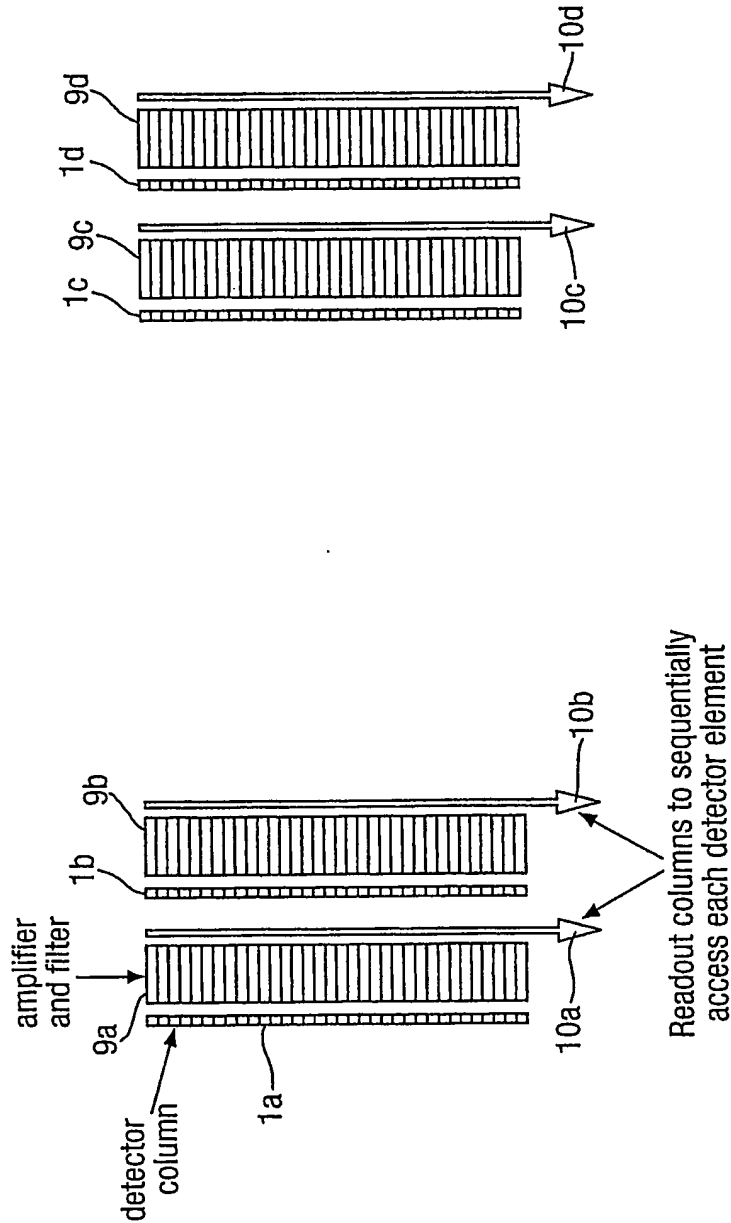
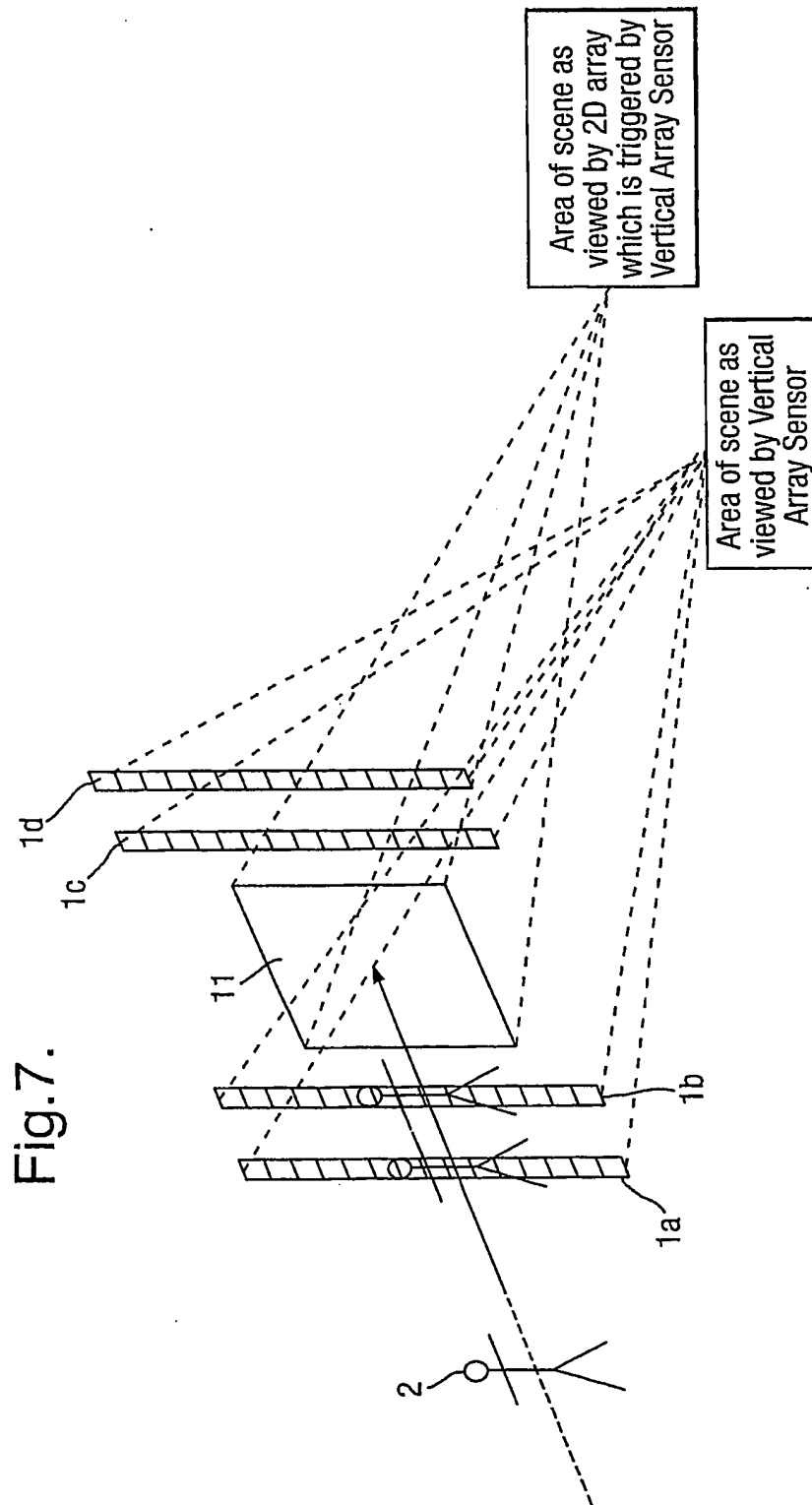


Fig.6.

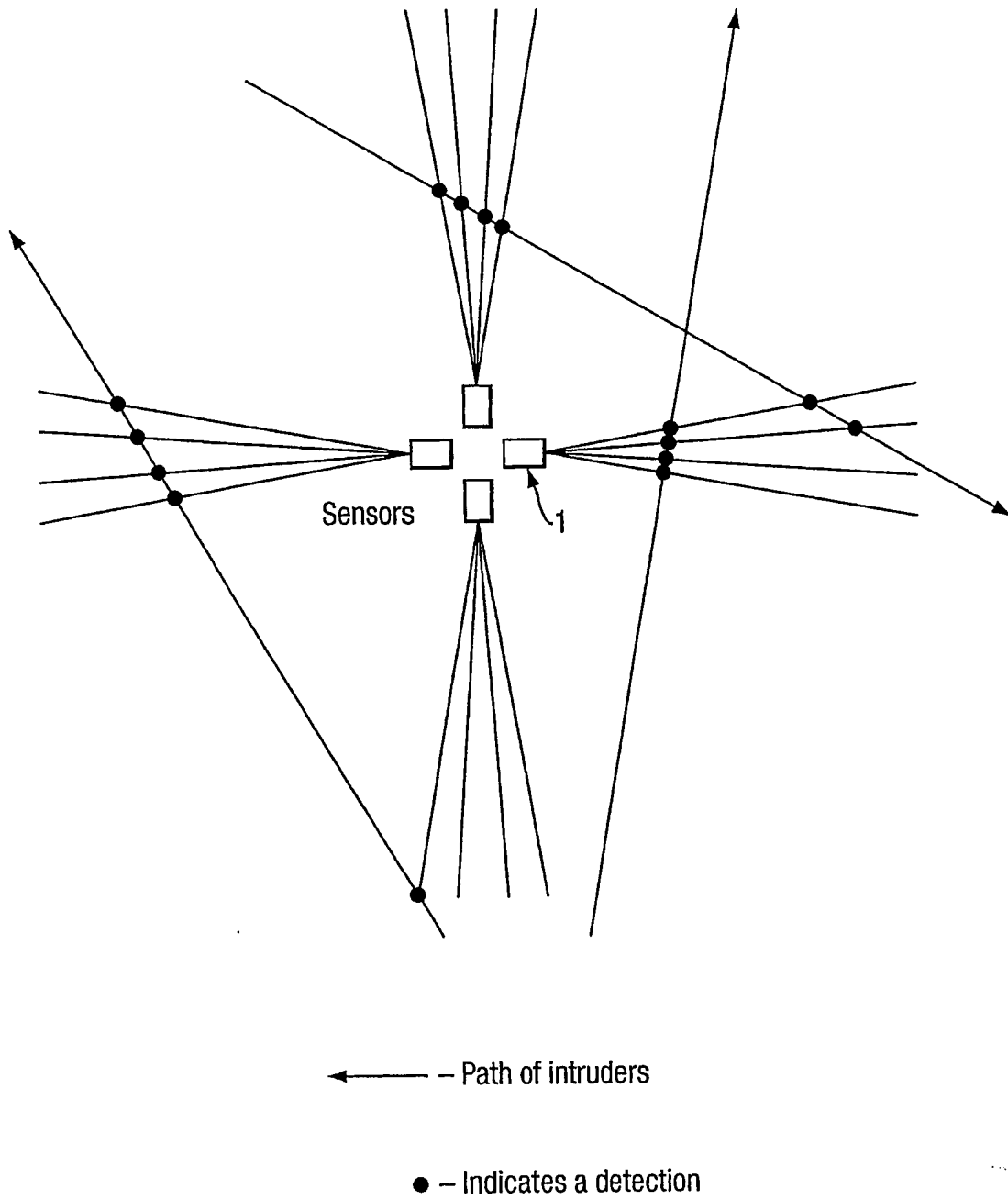


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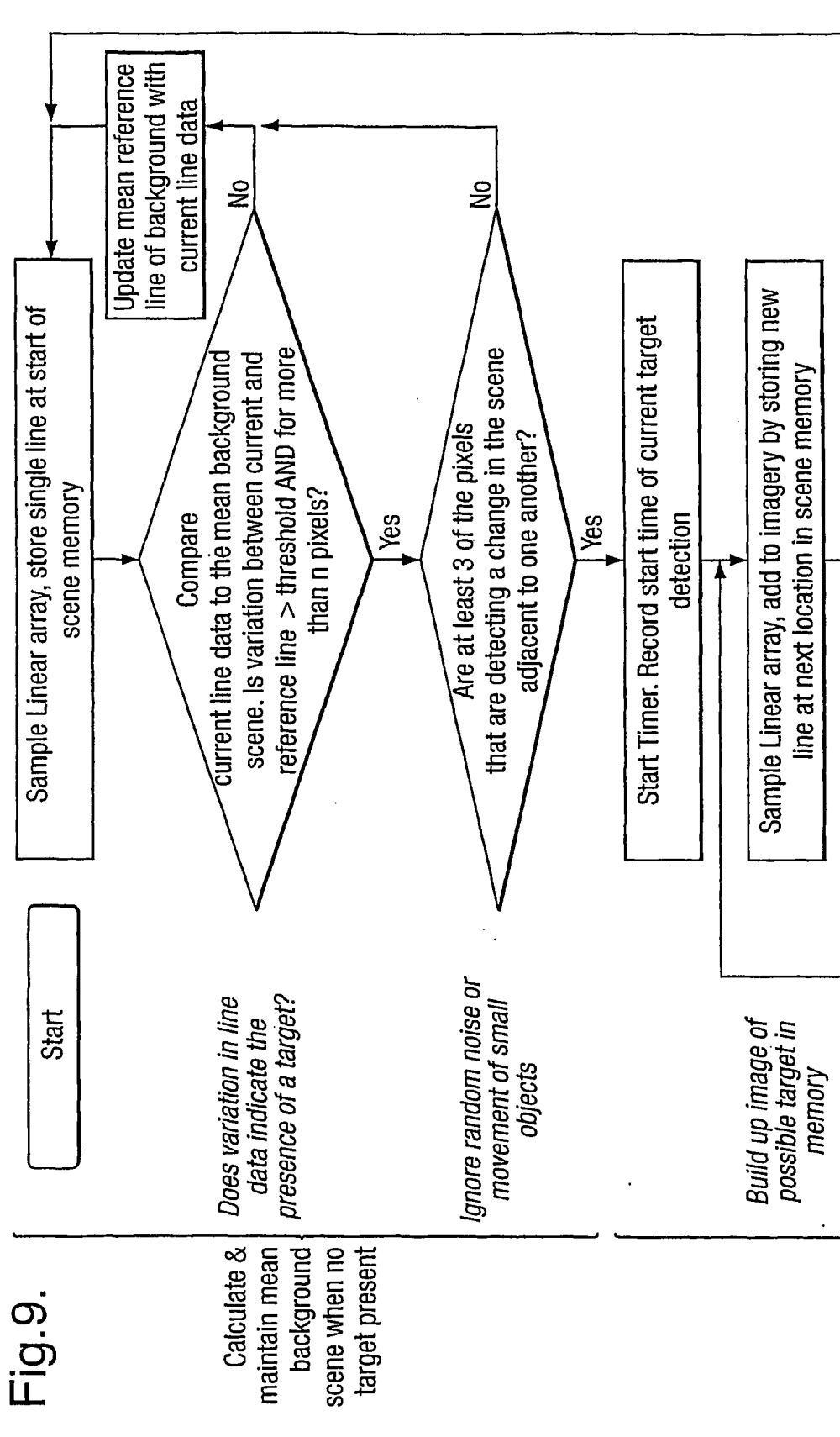
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Fig.8.

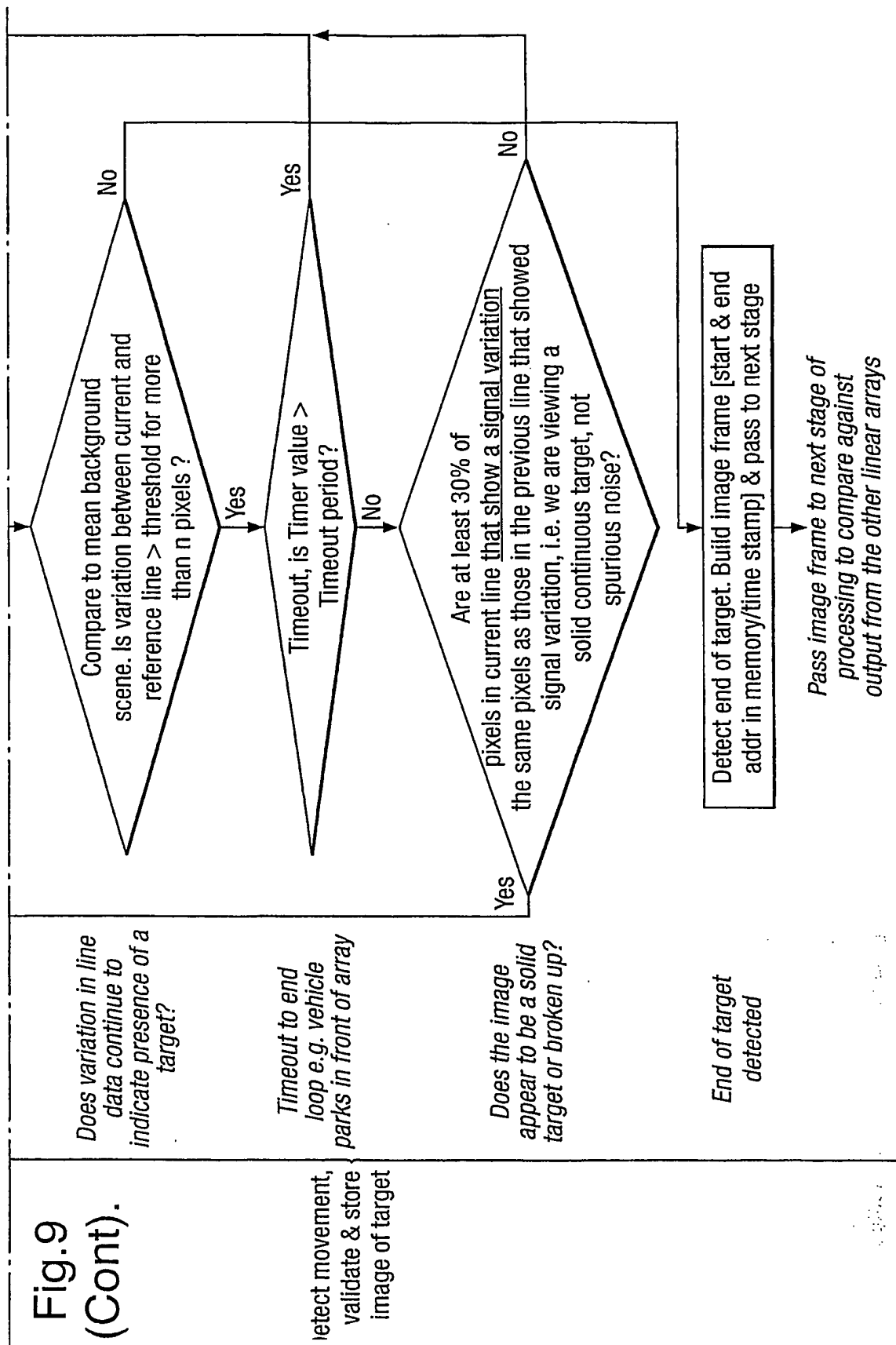




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*Image frame from first linear  
array to detect target*

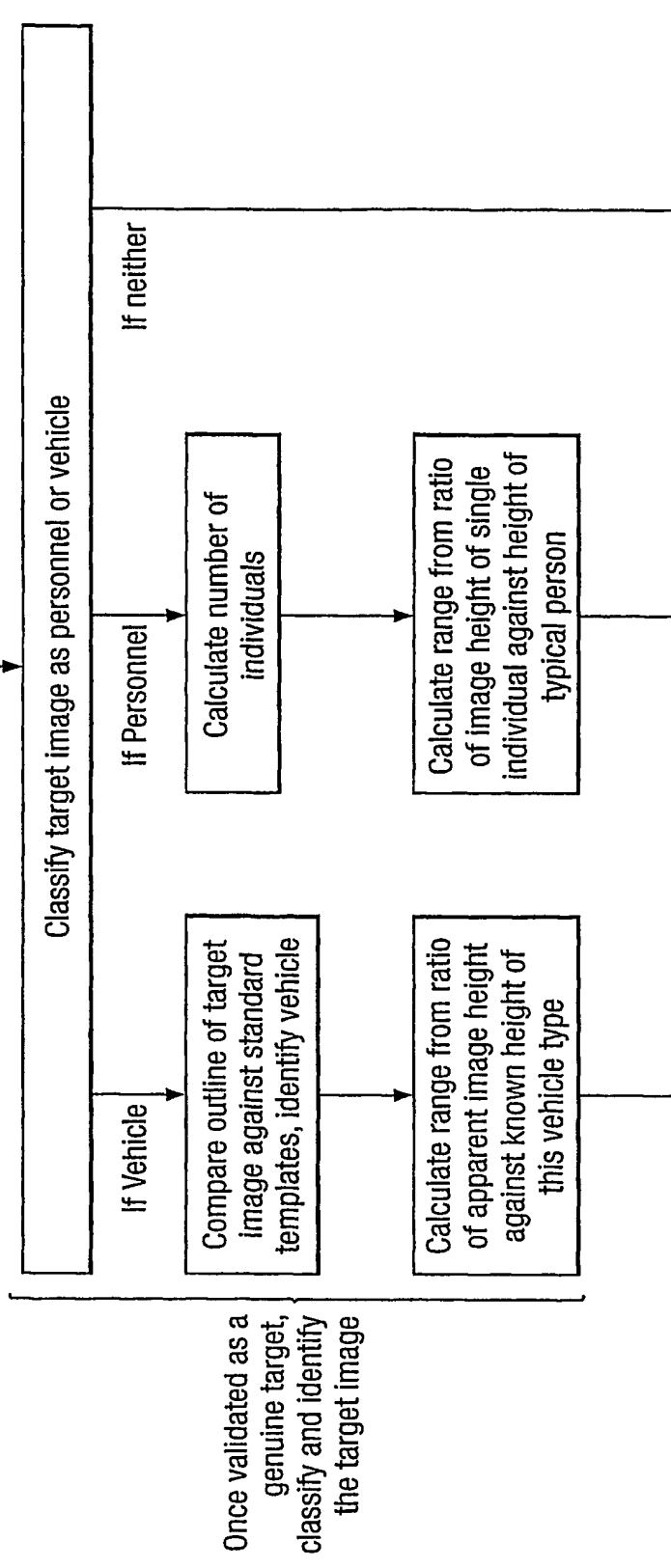


Fig.10.

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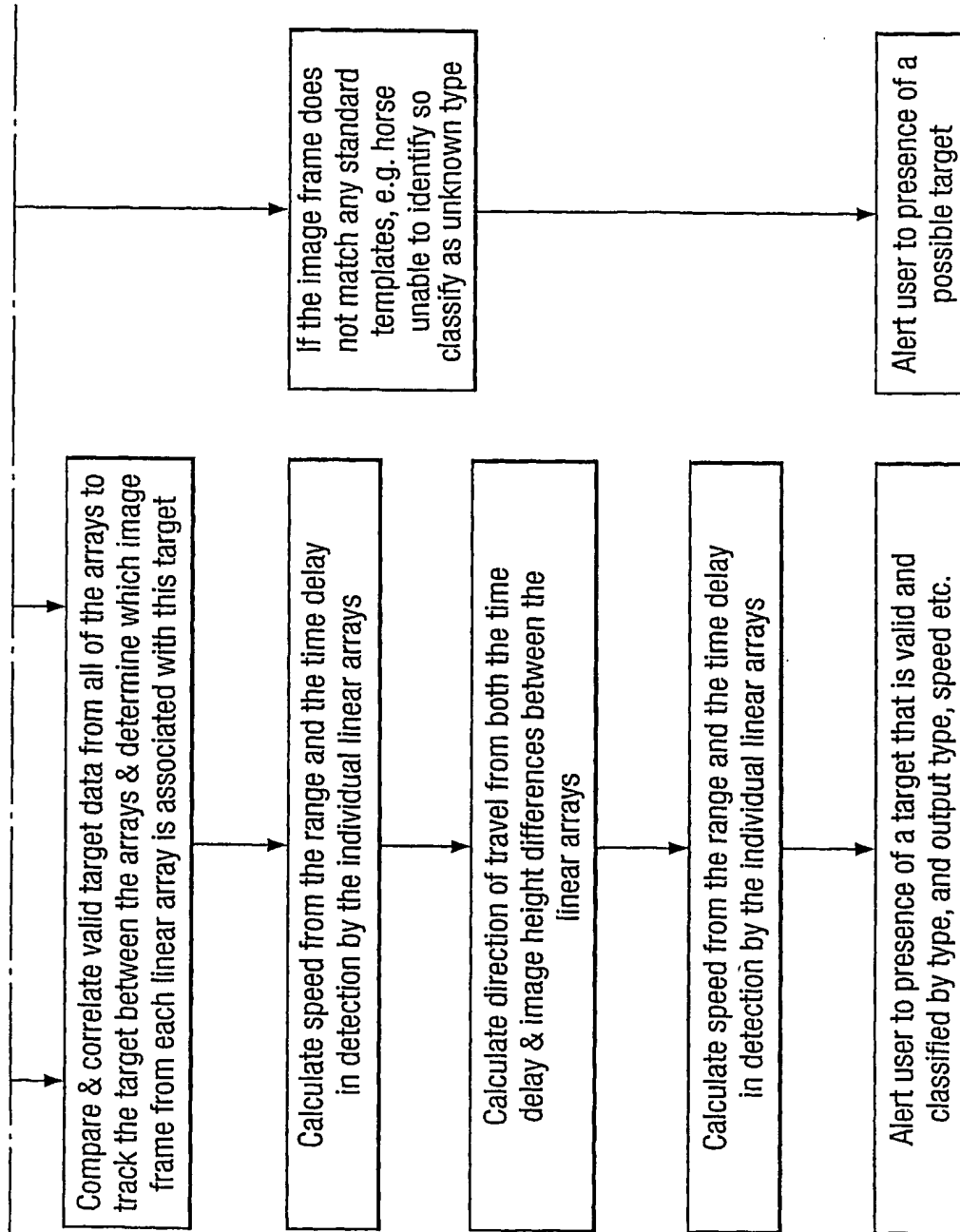


Fig.10  
(Cont).

Track the target as it is detected consecutively by all of the arrays and compare the output of all arrays

Thus calculate range, speed and approximate direction of travel